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Subject: Re: Merging Datasets

Posted by [Bridgette-DHS](#) on Thu, 19 Jan 2017 18:19:40 GMT

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Following is a response from Senior DHS Stata Specialist, Tom Pullum:

I do not use SAS. The following Stata program will do this merge. You should be able to figure out the logic. You would also have to change the paths for the input and output files, of course.

\* Merge AR IR MR files for Kenya 2008-09 DHS

```
set more off
```

```
use e:\DHS\DHS_data\AR_files\KEAR51FL.dta, clear
```

```
* construct id's that can match the IR file or the MR file
```

```
gen v001=hivclust
```

```
gen v002=hivnumb
```

```
gen v003=hivline
```

```
sort v001 v002 v003
```

```
save e:\DHS\scratch\artemp.dta, replace
```

```
use e:\DHS\DHS_data\IR_files\KEIR52FL.dta, clear
```

```
sort v001 v002 v003
```

```
merge v001 v002 v003 using e:\DHS\scratch\artemp.dta
```

```
tab _merge
```

```
keep if _merge==3
```

```
gen sex=2
```

```
save e:\DHS\scratch\KE51_IR_AR.dta, replace
```

```
use e:\DHS\DHS_data\AR_files\KEAR51FL.dta, clear
```

```
gen mv001=hivclust
```

```
gen mv002=hivnumb
```

```
gen mv003=hivline
```

```
sort mv001 mv002 mv003
```

```
save e:\DHS\scratch\artemp.dta, replace
```

```
use e:\DHS\DHS_data\MR_files\KEMR52FL.dta
```

```
sort mv001 mv002 mv003
```

```
merge mv001 mv002 mv003 using e:\DHS\scratch\artemp.dta
```

```
tab _merge
```

```
keep if _merge==3
```

```
gen sex=1
```

```
save e:\DHS\scratch\KE51_MR_AR.dta, replace
```

```
* NOTE: rename mv variables to match the v variables
```

```
rename mv* v*
```

```
append using e:\DHS\scratch\KE51_IR_AR.dta
```

```
* in this file
sort v001 v002 v003
label define sex 1 "man" 2 "woman"
label values sex sex

tab sex hiv03, row
tab sex hiv03 [iweight=hiv05/1000000], row

save e:\DHS\scratch\KE51_IR_MR_AR.dta, replace
```

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